

Biology Major – Physician Assistant Pathway 2

First Year

Fall Semester

BIOL 141/141L	General Biology I (& Lab)	4.5 cr.
CHEM 112/112L	General & Analytical Chemistry I (& Lab)	4.5 cr.
WRTG 107	Composition	3 cr.
PHIL 120	Introduction to Philosophy	3 cr.
		15 cr.

Spring Semester

BIOL 142/142L	General Biology II (& Lab)	4.5 cr.
CHEM 113/113L	General & Analytical Chemistry II (& Lab)	4.5 cr.
HUMN	Humanities Course	3 cr.
PSYC 110	Fundamentals of Psychology (S/BH)	3 cr.
		15 cr.

Second Year

Fall Semester

BIOL 110 ¹	Human Anatomy & Physiology I	3 cr.
BIOL 110L	Human Anatomy & Physiology I Lab	1 cr.
CHEM 232/232L	Organic Chemistry I (& Lab)	4.5 cr.
MATH 114 ^{1**}	Calculus I	4 cr.
PHIL 210 ¹	Ethics	3 cr.
		15.5 cr.

Spring Semester

BIOL 111 ¹	Human Anatomy & Physiology II	3 cr.
BIOL 111L	Human Anatomy & Physiology II Lab	1 cr.
BIOL 250/250L	Microbiology (& Lab)	5 cr.
CHEM 233/233L	Organic Chemistry II (& Lab)	4.5 cr.
T/RS 121 ²	Theology I: Introduction to the Bible	3 cr.
		16.5 cr.

1 - BIOL 110 & BIOL 111 do not count toward the Biology Portfolio requirements because these are 100-level courses.

2 - Courses listed in Second Year could be taken *either* fall or spring semester, but it is strongly advised that they are taken during the Second Year.

Third Year

Fall Semester

BIOL XXX	Biology Elective ^{3,4}	3 cr.
PHYS 120/120L	General Physics I (& Lab)	4 cr.
T/RS 122	Theology II: Christian Theology	3 cr.
HUMN	Humanities Course	3 cr.
S/BH	Social/Behavioral Elective	3 cr.
		16 cr.

Spring Semester

BIOL XXX	Biology Elective ^{3,4}	5 cr.
PHYS 121/121L	General Physics II (& Lab)	4 cr.
HUMN	Humanities Course	3 cr.
FREE ELECT	FREE ELECT ⁵	3 cr.
		15 cr.

3 – Students in the Pre-PA track should strongly consider taking an additional course within the Molecular and Cellular Elective group during *either* the fall or spring semester as these will help better prepare the student for PA schools. Students should consult with Pre-Health Advisor, Dr. Ferentino, regarding specific requirements of different PA schools as some will require particular courses like Immunology (BIOL 344).

Fourth Year

Fall Semester

BIOL 379	Biostatistics	3 cr.
BIOL XXX	Biology Elective ^{4,5}	4 cr.
HUMN	Humanities Course	3 cr.
FREE ELECT	FREE ELECT	3 cr.
		13 cr.

Spring Semester

BIOL XXX	Biology Elective ^{4,5}	7 cr.
PHIL/T/RS	Philosophy or Theology/Religious Studies Elective	3 cr.
FREE ELECT	FREE ELECT	4 cr.
		14 cr.

4 - Students can take their Biology Electives at any time during their undergraduate. However, the student should make sure that they are meeting the requirements of the Biology Portfolio. Students should consult with their academic advisor to make sure the Portfolio requirements are met before graduation.

5 – The student that follows the Pre-PA Pathway 2 should consider taking General Physiology (BIOL 245) as this course will provide a deeper understanding of human physiology compared to what was learned in Human Anatomy and Physiology I & II (BIOL 110 & BIOL 111).